



福建青松股份有限公司分析报告单
FUJIAN GREEN PINE CO., LTD.
CERTIFICATE OF ANALYSIS

品名 Product		合成樟脑 CAMPHOR, RACEMIC, EU GMP CERTIFIED			
Registration No. in CIQ:3500300042	数量 Quantity	分析日期 Analysis Date	包装 Package	生产日期 Manufacture Date	重测日期 Retest Date
Batch No. G11505004	53箱	MAY 31.2015	15Kg/Paper drum	MAY 24.2015	MAY 23,2017

项目 Items	欧洲药典 8.0 EP8.0	测试方法 EP8.0 Test Method	测试结果 Results
外观 Appearance	White or almost white, crystalline powder or friable, crystalline masses, highly volatile even at room temperature.	Visual	Complied
溶解性 Solubility	Slightly soluble in water, very soluble in ethanol (96 per cent) and in light petroleum, freely soluble in fatty oils, very slightly soluble in glycerol.	In-house	Complied
浊度 Clear	≤ 3.0 NTU	EP 8.0—<2.2.1>	<3.0NTU
色度 Colourless	Not more intensely colored than reference standard B9	EP 8.0—<2.2.2> II	Complied
熔点 Melting point	172.0°C~180.0°C	EP8.0—<2.2.14>	178.0 °C
鉴别 Identification	A: Optical rotation (see Tests). C: Infrared absorption spectrophotometry	EP8.0—<2.2.7> EP8.0— <2.2.24>	Complied
紫外吸收光谱 UV Absorption Spectrum	In conformity with that of a reference standard	EP8.0—<2.2.25>	Complied
含量 Purity	(C ₁₀ H ₁₆ O) $\geq 96.0\%$	EP8.0—<2.2.28>	98.4 %
旋光度 Optical Rotation (10.0% ethanol(96%) solution)	-0.15°~+0.15°	EP8.0—<2.2.7>	+0.04 °
有关物质 Related substances	any impurity: for each impurity $\leq 2.0\%$ of the area of the principal peak	EP8.0— P1571 & <2.2.28>	1.0 %
	total: $\leq 4.0\%$ of the area of the principal peak		1.6 %
	disregard limit: the area of the principal peak in the chromatogram obtained with reference solution (b)		Complied
溶剂残留 Residual Solvents	xylene ≤ 2170 ppm	EP8.0—<2.4.24>	<100ppm
酸碱性 Acidity or alkalinity	EP Test: Meets the Requirements	EP8.0— P1571	Complied
卤素 Halogens	≤ 100 ppm	EP8.0— P1571 & <2.4.4>	Complied
水 Water		EP 8.0—<2.2.1>	<3.0NTU
蒸发残留 Residue on evaporation	$\leq 0.05\%$	EP8.0— P1571	0.02%
结论 Conclusion	The quality is in accordance with EP 8.0		

贮存条件 Storage condition: Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep air contact to a minimum.

QC 经理 QC Manager: 张煌

复核员 Verification: 张煌

分析员 Analyst: 张煌

Address: Huiyao Industrial Park, Jianyang Fujian 354200 China

Tel: +86 599 5823129, Fax: +86 599 5813209

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